



FORM PTO-1449/A and B (modified PTO/SB/08)

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

APPLICATION NO.: 10/584,819 ATTY. DOCKET NO.: H0498.70211US02

FILING DATE: June 14, 2007 CONFIRMATION NO.: 5917

APPLICANT: Sia, et al.

GROUP ART UNIT: 1645 EXAMINER: Not yet assigned

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U.S. PATENT DOCUMENTS

Examiner's Initials #	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication or Issue of Cited Document MM-DD-YYYY
		Number	Kind Code		
		4,963,498		Hillman, et al.	10/16/1990
		5,571,410		Swedberg, et al.	11/05/1996
		5,637,469		Wilding, et al.	06/10/1997
		5,866,345		Wilding, et al.	02/02/1999
		5,957,579		Kopf-Sill, et al.	09/28/1999
		6,103,199		Bjornson, et al.	08/15/2000
		6,146,489		Wirth	11/14/2000
		6,146,589		Chandler	11/14/2000
		6,186,660		Kopf-Sill, et al.	02/13/2001
		6,214,560		Yguerabide, et al.	04/10/2001
		6,241,560		Furusawa, et al.	06/05/2001
		6,333,200		Kaler, et al.	12/25/2001
		6,361,958		Shieh, et al.	03/26/2002
		6,479,299		Parce, et al.	11/12/2002
		6,488,872		Beebe, et al.	12/03/2002
		6,488,894		Miethe, et al.	12/03/2002
		6,488,896		Weigl, et al.	12/03/2002
		6,551,841		Wilding, et al.	04/22/2003
		6,613,512		Kopf-Sill, et al.	09/02/2003
		6,709,869		Mian, et al.	03/23/2004
		6,716,620		Bashir, et al.	04/06/2004
		6,742,661		Schulte, et al.	06/01/2004
		6,780,584		Edman, et al.	08/24/2004
		6,794,197		Indermuhle, et al.	09/21/2004
		6,818,184		Fulwyler, et al.	11/16/2004
		2002/0019059		Chow, et al.	02/14/2002
		2002/142618		Parce, et al.	10/03/2002
		2003/0118486		Zhou, et al.	06/26/2003
		2003/138969		Jakobsen, et al.	07/24/2003
		2003/207328		Yguerabide, et al.	11/06/2003
		2004/077074		Ackley, et al.	04/22/2004

/Melanie Yu/ (01/28/2009)

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /MY/

FORM PTO-1449/A and B (modified PTO/SB/08) INFORMATION DISCLOSURE STATEMENT BY APPLICANT				APPLICATION NO.: 10/584,819		ATTY. DOCKET NO.: H0498.70211US02	
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FOREIGN PATENT DOCUMENTS

Examiner's Initials #	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Translation (Y/N)
		Office/ Country	Number	Kind Code			
		EP	1054259		Jose Remacle	11-22-2000	
		EP	0643307	A1	Centro De Ingenieria Genetica Y Biotechnologia	03-15-1995	
		WO	91/01003		Secretary of State for Health in Her Britannic Majesty's Government of the United Kingdom of Great Britain and Northern Ireland	01-24-1991	
		WO	04/87951	A2	Clondia Chip Technologies	10-14-2004	
		WO	04/087951	A3	Clondia Chip Technologies	10-14-2004	
		WO	03/054513	A2	Radius Biosciences	07-03-2003	

OTHER ART — NON PATENT LITERATURE DOCUMENTS

Examiner's Initials #	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Translation (Y/N)
		Ahn, C., et al., "Disposable Smart Lab on a Chip for Point-of-Care Clinical Diagnostics," <i>Proceedings of the IEEE</i> , Vol. 92, No. 1, pp. 154-173 (2004).	
		Andersson, et al., "Micromachined flow-through filter-chamber for chemical reactions on beads," <i>Sensors and Actuators</i> , Vol. B67, pp. 203-208 (2000).	
		Darion, et al., "Chemical sensing using an integrated microfluidic system based on the Berthelot reaction," <i>Sensors and Actuators</i> , Vol. B76, pp. 235-243 (2001).	
		Dodge, et al., "Electrokinetically Driven Microfluidic Chips with Surface-Modified Chambers for Heterogeneous Immunoassays," <i>Anal. Chem.</i> , Vol. 73, pp. 340-3409 (2001).	
		Juncker, et al., "Autonomous Microfluidic Capillary Systems," <i>Anal. Chem.</i> , Vol. 74, pp. 6139-6144 (2002).	
		Moorthy, et al., "Microfluidic tectonics platform: A colorimetric, disposable botulinum toxin enzyme-linked immunosorbent assay system," <i>Electrophoresis</i> , Vol. 25, pp. 1705-1713 (2004).	
		Obeid, et al., "Microfabricated Device for DNA and RNA Amplification by Continuous-Flow Polymerase Chain Reaction and Reverse Transcription-Polymerase Chain Reaction with Cycle Number Selection," <i>Anal. Chem.</i> , vol. 75, pp. 288-295 (2003).	
		Sia, S., et al., "An Integrated Approach to a Portable and Low-Cost Immunoassay for Resource- Poor Settings," <i>Angew. Chem. Int. Ed.</i> , Vol. 43, pp. 498-502 (2004).	
		Sia, S., et al., "Microfluidic devices fabricated in poly(dimethylsiloxane) for biological studies," <i>Electrophoresis</i> , Vol. 24, pp. 3563-3576 (November 2003).	
		Weigle, et al., "Lab-on-a-chip for drug development," <i>Advanced Drug Delivery Reviews</i> , Vol. 55, pp. 349-377 (2003).	
		Proceedings of uTAS 2004, 8th International Conference on Miniaturized Systems in Chemistry and Life Sciences, September 26-30, Malmo, Sweden, Edited by Thomas Laurell, Johan Nilsson, Klavs Jensen, D. Jed Harrison, Jorg P. Kutter, The Royal Society of Chemistry, pp. 1-135, 2004	

/Melanie Yu/ (01/28/2009)

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /MY/

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FOREIGN PATENT DOCUMENTS

International Search Report dated 06/05/2005 in PCT/US2004/045585.			
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EXAMINER: /Melanie Yu/ (01/28/2009)	DATE CONSIDERED:
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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